



COLLAPSIBLE STRUCTURES

Cross reference to Related Application

5 This application is a second Continuation-in-Part of parent US Patent Application 09/642,948 filed on August 22, 2000 and a first Continuation-in-Part US Patent Application 10/014,125 filed on December 11, 2001.

FIELD OF THE INVENTION

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The present invention relates to collapsible self-supported structures. All of these structures have one or more of the following characteristics: adjustable length and/or, width and/or height, lightweight, easily collapsed, very compact when collapsed and easily carried, stored and transported. Embodiments disclosed relate to pens, cribs, play yards, bed rails, wheeled carts, animal crates with and without wheels and collapsible structures with ceilings or roofs such as play houses, tents and covers for objects such as pallets of cement.

BACKGROUND OF THE INVENTION

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Folding Cart

The present invention enables us to fill the unmet needs for a diverse population of cart users. The uses for such carts are virtually endless ranging from transport of hospital food, medical supplies, medical instruments, patient belongings and other utensils, to carts used for mail delivery, catering, refuse removal, shopping, animal transport and many other home and business applications.

Carts used in these applications all generally have a problem with the amount of space required for storage or transport when the carts are not in use.

30 To resolve that problem, some carts have been made to collapse or fold so that

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